

ABSTRACT

5 In a method of producing biogas by anaerobic diges-
tion of organic matter, organic matter dried to a dry
solids content of at least 50% by weight TS and pelletis-
ed is mixed with a liquid to form a slurry. The slurry
is contacted with biogas-producing bacteria for digestion
under anaerobic conditions in a reactor (102) while pro-
10 ducing biogas.

 A device (100) for producing biogas by anaerobic
digestion of organic matter comprises a sealable, essen-
tially gas-tight reactor (102) having an inlet (104) for
organic matter and outlets (106, 108) for produced biogas
15 and formed digested sludge. The device (100) comprises a
premixing tank (118) for mixing organic matter dried to
a dry solids content of at least 50% by weight and pel-
letised, with a liquid to a slurry and a feed pipe (104)
for feeding the slurry to the reactor (102).